

DESCRIPTION OF A NEW SPECIES OF *ETHEOSTOMA* (*E. LONGIMANA*)
FROM JAMES RIVER, VIRGINIA.

BY DAVID STARR JORDAN.

Subgenus *IMOSTOMA*, Jordan.

Head 4 in length to base of caudal; depth 5. D. IX or X,—12 or 13. A. II, 8; scales 6–43–7. Type No. 24619. Mus. Comp. Zool.; 8 specimens, the largest 2½ inches long.

Body moderately elongate, not much compressed; head rather long, somewhat blunt anteriorly, convex above the eyes, profile of the snout steep and nearly straight; premaxillaries protractile; lower jaw included; maxillaries reaching front of orbit, about as long as eye which is 4 in head, and about as long as snout; teeth rather strong; gill membranes very slightly connected; cheeks nearly or quite naked; opercles with some scales.

Lateral line complete; scales rather large; nape naked; belly naked anteriorly, with ordinary scales posteriorly. Pectorals extremely long, reaching front of anal, about 1½ times as long as head; ventrals long, but not reaching tips of pectorals. Dorsal spines high, the longest 1½ in head; soft dorsal very high, 1 $\frac{1}{10}$ in head; anal rather large, but smaller than soft dorsal; anal spines small, the first longest; caudal subtruncate.

Color in spirits, olivaceous; traces of about 5 dark cross-shades which extend on the dorsal fin; fins nearly plain, the spinous dorsal somewhat mottled; snout and suborbital with some dusky; a dark spot at base of caudal.

The types of this interesting species were taken by Professor Baird, about 1855, in a tributary of the James River, Virginia. They were found by me in the Museum of Comparative Zoology, bearing the Mss. name (from Professor Agassiz or Prof. Putnam,) of *Cottogaster longimanus*.